

# Pulse Endpoint Security Assessment Plug-in

## 4.0.1

### Release Notes

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## Introduction

V3 SDK Version: Mac and Windows 3.6.11667.2

V4 SDK Version: Windows 4.3.2925.0 Mac 4.3.2534.0

V3V4 Adapter Version: Windows 4.3.1874.0 Mac 4.3.1832.0

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**Note:** The SDK embedded in this ESAP version has been tested and qualified to interoperate with an extensive list of endpoint security applications covering most products listed in the supported products list.

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## Interoperability and Supported Platforms

Please refer to the [ESAP Supported Platforms Guide](#) for supported versions of browsers and operating systems in this release.

## Noteworthy Changes

- Ivanti introduced support for consuming the latest OPSWAT SDK Version 4 in 8.2R5 ICS and IPS 5.3 R5 IPS release.
    - OPSWAT SDKs are bundled within our Endpoint Security Assessment Plugin (ESAP). From ESAP 3.0.3 onwards, OPSWAT V4 SDK for Windows and Mac are packaged alongside existing V2 and V3 SDKs
    - Uploading ESAP 3.0.3 or later on PCS 8.2R5 PCS or PPS 5.3R5 releases, we will install OPSWAT V4 SDK version along with V2 and V3 SDKs.
    - On the PCS 8.2R5 and PPS 5.3R5 Admin UI, Administrators have a choice to select whether OPSWAT V3 or V4 SDK will be consumed on the device running PCS 8.2R5 or PPS 5.3R5. Please refer to the section “Activating the OPSWAT SDK Version” in the PCS 8.2R5 and PPS 5.3R5 Administration Guide available on [Techpubs](#) website for more information.
    - Endpoint Security Assessment Plug-In (ESAP) provides support for predefined checks on Windows and MAC platforms. ESAP package contains V2, V3 and V4 OPSWAT SDK versions. Support for V2 and V3 OPSWAT SDK is ended. Hence, this ESAP release has only OPSWAT V4 version updated in ESAP package. Refer to KB article [http://kb.pulsesecure.net/articles/Pulse\\_Technical\\_Bulletin/TSB41055](http://kb.pulsesecure.net/articles/Pulse_Technical_Bulletin/TSB41055) on Pulse Secure site for more details.
    - OPSWAT SDKs are bundled within our Endpoint Security Assessment Plugin (ESAP). From ESAP 3.3.5 onwards, OPSWAT V4 SDK for Windows and Mac are packaged alongside existing V3 SDKs.
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## ESAP 4.0.1 and Ivanti Connect Secure/Ivanti Policy Secure Compatibility Chart

This ESAP package can be installed on the following Ivanti Connect Secure/ Ivanti Policy Secure software versions.

- ICS 9.1RX
- PCS 9.0RX
- PCS 8.3Rx
- PCS 8.2Rx
- PCS 8.1Rx
- IPS 9.1RX
- PPS 9.0RX
- PPS 5.4Rx
- PPS 5.3Rx
- PPS 5.2Rx
- PPS 5.1Rx

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### Note:

- The ESAP package may install and function without any errors on older releases. However, as the install has not been tested, we recommend that it be used only on the above versions of software releases.
- This ESAP package contains V3 and V4 versions of OPSWAT SDK. From the above compatibility chart V4 is applicable only for release above 8.2R5 and 5.3R5.

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Support Has Been Added for the Following Products in ESAP 4.0.1

### V4 List of Supported Products

#### Windows OS

##### Antivirus Products

- Asiainfo OfficeScan Agent (16.x)
- Cybereason ActiveProbe (22.x)
- Cybereason ActiveProbe Antimalware (22.x)
- Malwarebytes Anti-Malware Premium (4.5.x)
- Stormshield Endpoint Security Evolution Agent (2.x)
- VIPRE Business (10.x)
- WithSecure Elements EPP for Computers Premium (3.x)
- 安心ネットセキュリティ (20.x)

### Antispyware Products

- Asiainfo OfficeScan Agent (16.x)
- Cybereason ActiveProbe (22.x)
- Cybereason ActiveProbe Antimalware (22.x)
- Malwarebytes Anti-Malware Premium (4.5.x)
- Stormshield Endpoint Security Evolution Agent (2.x)
- VIPRE Business (10.x)
- WithSecure Elements EPP for Computers Premium (3.x)
- 安心ネットセキュリティ (20.x)

### Firewall Products

- Asiainfo OfficeScan Agent (16.x)
- 安心ネットセキュリティ (20.x)

## macOSX

### Antivirus Products

- Cybereason ActiveProbe (22.x)
- F-Secure SAFE (18.x)

## Fixed Issues

The following customer support issues have been resolved in this release:

Problem ID	Title
PRS-409980	Compliance fails using "Sophos End point Agent 2.20.x"
PRS-410223	Add Support for Sophos Endpoint Agent 2022.1.0.78
PRS-410635	ESET Endpoint Antivirus 6.x on MacOS fails to evaluate host checker via browser.
PRS-402699	Bitdefender Endpoint Security Tools 7.2.1.72 antivirus is failing on virus definitions with latest ESAP version
PRS-407516	Hostchecker is failing for Carbon Black Cloud Sensor 3.x for RTP check via browser

## Known Issues/Limitations

The following table lists known issues/limitations in in this release:

Problem ID	Title
958840, 845980	Remediation of Windows Firewall 8 in agentless mode requires administrative privileges and UAC should be turned off.
502783	Endpoint Protection 11.x/12.x is not performed when UAC is enabled or if the scan logs have been deleted or if system scans has never been performed.

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495041	The password protection option in the Sunbelt Kerio Firewall product is not supported.
950123	Signatures cannot be downloaded with Trend Micro Office scan Client 10.5 and 10.6. Therefore, the remediation functionality for failing the virus definition check is not supported for Trend Micro Office scan Client 10.5 and 10.6. This is because the executable required to support this functionality is not bundled as part of the TrendMicro product.
PRS-357241	Hostchecker is failing to detect Bitlocker HD encryption 10.x in Windows 10 via browser, but detects with Pulse.
PRS-380100	Host Checker stopped working after Upgrading ESAP from 3.3.5 to 3.4.4 or 3.4.5 in Mac OS Mojave 10.14.5 and 10.14.6.
PRS-387410	Windows Update Agent (7.x) takes long time to gather missing patch information on Windows 7 platform
PRS-395662	Using ESAP3.7.1 upgrade/downgrade fail on all macosx platform and need restart system/service (KB44643)
PRS-396891	ESAP can't be upgrade/downgrade on Windows Platform (KB44787)
PRS-397371	Using new ESAP3.7.2 observing dsaccessService and Hostcheck process crash on all macOS platform (KB44643)
PRS-403500	Big Sur OS Host Checker rule with Ignore versions passes the compliance check on MAC Monterey OS(macOS12)
PRS- 409374	OPSWAT removed Jamf/Casper Suite Patch management support from macOSX
PRS-409295	ESAP Downgrade fails on Windows platform due to unable delete/copy wa_3rd_party_host_32.exe